Defining Prerequisite Resources

Before you can define a resource as a prerequisite for a job, it must be defined to the system. Define resources to **Entire Operations** using the System Administrator Services option on the Main Menu. (See the Entire Operations Administration Documentation).

You can find a summary of resource features in the System Overview.

This section covers the following topics:

- List of Prerequisite Resources
- Adding a Prerequisite Resource Definition
- Modifying a Prerequisite Resource Definition
- Prerequisite Resource Definition (Master) Window
- Selecting a Resource by Wildcard

List of Prerequisite Resources

- Column Headings: Prerequisite Resource List

▶ **To specify resources for a job**

1. On the Job Maintenance screen, enter **L** in the line command input field of the selected job.
2. Press Enter.

   A screen opens with a list of resources already specified for the job:

```
 20.11.01                *** Entire Operations 4.1.1 ***              17:04:05
                          Prerequisite Resources (Master)
 ------------------------------------------------------------------------------
 Owner SN          Network RES-PRQ    Run from        to       Job J1
                                                  required
 Cmd   Run Job       Resource           T    Quantity  D   DNO   allocated
 _                   A001               R       5.50  J  Y
 _                   A2345678901234567890 R     9.50
 _                   HUGO               R       6.00
 _                   R-01               R       5.00
 _                   R-03               R       3.00
 _                   R-04               R       4.00
 _                   R-10               R      10.00
 _                   R-11               R      11.00  J  Y
 _                   R-12               R       3.00
 _                   R-13               U      13.00
 _                   R-14               R      14.00
 _                   R-20               R      20.00
 *********************************** m o r e ***********************************
 D Delete    M Modify   R Master Definition   W Where Used

 Enter--PF1----PF2----PF3----PF5--------PF7----PF8----------------------------
        Help   Add    End    Save        Up    Down
```

Column Headings: Prerequisite Resource List

The following table explains the column headings for the data listed in the Prerequisite Resources window:

Column	Description	
Cmd	One-character line command input field. Possible options:	
	D	Delete resource as prerequisite for this job.
	M	Modify a prerequisite resource for this job.
	R	Master resource definition.
	W	Where used. If invoked for a **master** job definition: Shows the usage of this resource as a prerequisite in all master job definitions. If invoked for an **active** job definition: Shows the current usage of this resource by active jobs.
Resource	Name of resource as defined in the System Administrator Services.	
T	Resource Type. See here for details.	
Required Quantity	Resource quantity required for job execution. **Entire Operations** does not submit the job until this amount of resource is available.	
D	Deallocation. The deallocation mode of this prerequisite resource:	
	J	Deallocation after job termination (default).
	N	Deallocation after network termination.
	K	Keep until explicit deallocation.
	Note: These allocations will be deallocated if the retention period for active condition is reached. See also Periods of Resource Allocation.	
DNO	Deallocate if not Job ok (applies to deallocation mode **J** only).	
	Y	The resource will always be deallocated after job termination.
	N	If the job does not end ok, the resource will not be deallocated. (It will be deallocated at network termination anyway.)
allocated	Date and time when the resource was allocated for the current job. (applies to active prerequisite resources only). If the resource has not yet been allocated or if it has already been deallocated, this field is empty.	

Adding a Prerequisite Resource Definition

▶ **To specify a resource as a prerequisite for job submission**

- Use PF2 (Add) to open the prerequisite resource definition window.

Modifying a Prerequisite Resource Definition

▶ **To modify resources already specified for the job**

- Type **M** in the line command input field of the selected resource to open the prerequisite resource definition window.

Prerequisite Resource Definition (Master) Window

- Fields

In this window you can define or modify a prerequisite resource definition for a job:

```
+-------------------------------------------------------+
!                                                       !
!       Prerequisite Resource Definition (Master)       !
!                                                       !
!         Resource ===> A001_____           !
! Required Quantity ===> 5.50_____                     !
!                                                       !
!       Deallocation Mode ===> J                        !
! Deallocate if Job not ok ===> Y                       !
!           Allocated at ===>                           !
!                                                       !
! Enter-PF1---------PF3---------PF5---------------       !
!      Help         End        Save                     !
+-------------------------------------------------------+
```

Fields: Prerequisite Resource Definition (Master) Screen

Field	Description	
Resource	Name of the resource.	
Required Quantity	Enter the resource quantity required for job execution.	
Deallocation Mode	Enter the deallocation mode of this prerequisite resource (see Periods of Resource Allocation):	
	J	Release resource after job termination. (Default)
	N	Release resource after network termination.
	K	Keep resource until explicit release. If the retention period for active conditions is reached, these resources will be released automatically.
	Note: These allocations will be deallocated if the retention period for active condition is reached.	
Deallocate if Job not ok	(applies to deallocation mode **J** only)	
	Y	Enter **Y** to deallocate the resource, even if the job was not ok. (Default)
	N	Enter **N** to keep the resource allocated, if the job ended not ok. (However, the job will still be deallocated at network termination.)
allocated	Date and time when the resource was allocated for the current job. (applies to active prerequisite resources only). If the resource has not yet been allocated or if it has already been deallocated, this field is empty.	

Selecting a Resource by Wildcard

Use a wildcard in the resource name to display a selection list of resources which satisfy the criteria, for example:

```
+------------------------------+
!                              !
!        Select Resource       !
!          by Marking          !
!                              !
!  Cmd   Resource Name         !
!   _    §QWERTY-RESOURCE       !
!   _    ADA-1                 !
!   _    ADA-9                 !
!   _    A001                  !
!   _    A1                    !
!   _    A2345678901234567890  !
!   _    BLA-BLA               !
!   _    DEA1-JOB-01           !
!                              !
!  PF3 End   PF7 Up   PF8 Down !
+------------------------------+
```